FEATURES

- Accuracy ± 0.1% R.O.
- Wide input and output range selection
- Steady voltage ,current and low ripple output
- The case can be mounted on a 35mm rail which complies with DIN 46277

ORDER INFORMATION

S3-DT- [ ] [ ] [ ] [ ] [ ]

Multiple Output
3: 3 outputs
4: 4 outputs

DC Input Range

V1: 0 ~ 10 mV	A1: 0 ~ 1 mA
V2: 0 ~ 100 mV	A2: 0 ~ 10 mA
V3: 0 ~ 1 V	A3: 0 ~ 20 mA
V4: 0 ~ 5 V	A4: 4 ~ 20 mA
V5: 1 ~ 5 V	00: Option
V6: 0 ~ 10 V	
V8: 0 ~ 100 V	

DC Output Range

10: 0 ~ 100 mV	16: 0 ~ 1 mA
11: 0 ~ 1 V	17: 0 ~ 10 mA
12: 0 ~ 5 V	18: 0 ~ 20 mA
13: 0 ~ 10 V	19: 4 ~ 20 mA
14: 1 ~ 5 V	00: Option

※**Output:Reverse/Negative output is not allowed**

Aux. Power Source
A: AC/DC 85 ~ 265 V
B: DC 20 ~ 60 V
0: Option

Option
D: Excitation supply DC 24V
N: None

SPECIFICATION

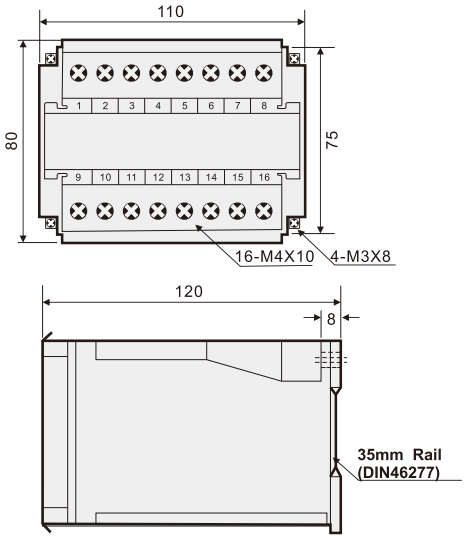
Accuracy	±0.1% R.O.
Aux. power supply	AC/DC 85 ~ 265 V , 50/60 HZ
	DC 20 ~ 60 V
Power consumption	AC≦11 VA , DC≦7.5 W(4 outputs)
	AC≦7VA, DC≦3W(3 outputs)
Response time	≦400 mSec
Output ripple	≦0.5% R.O.(peak-peak)
Excitation	DC 24 V , less than 30 mA
Span adjustment range	≧20% R.O.
Zero adjustment range	≧10% R.O.
Operating temperature range	0 ~ 60℃
Storage temperature range	-10 ~ 70℃
Temperature coefficient	≦150 PPM/℃
Max. relative humidity	95%
Isolation	Input/output/power/case
Isolation resistance	≧100 MΩ, DC 500 V
Dielectric withstand voltage	IEC 60688
	(4 outputs)
	Between input/power/case
	Between output/power/case
	AC 1.8 KV , 60 HZ , 1 min
	Between output/output
	AC 1.5 KV , 60 HZ , 1 min
	Between input/output
	AC 1.0 KV , 60 HZ , 1 min
	(3 outputs)
	Between input/output/power/case
	AC 1.8 KV , 60 HZ , 1 min
	Between output/output
	AC 1.5 KV , 60 HZ , 1 min
Impulse withstand test	3KV , 1.2 x 50 μs
IEC 61000-4-5	Common mode & differential mode
Performance	Designed to comply with IEC 60688

• OUTPUT

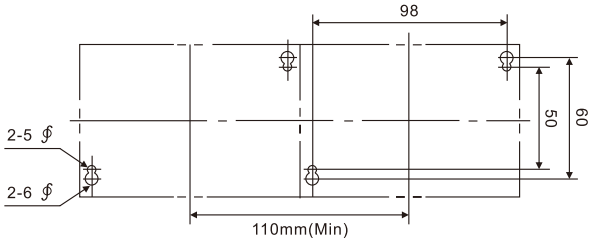
DC Output Range	Load Resistance	Output Resistance	Output Ripple	Response Time
0 ~ 1V	≧ 1 KΩ	≦ 0.05Ω	≦ 0.5% R.O. (peak)	≦ 400mS. 0 ~ 99%
0 ~ 5V				
1 ~ 5V				
0 ~ 10V				
0 ~ 1mA	≦ 10KΩ	≧ 20MΩ		
0 ~ 10mA	≦ 1 kΩ	≧ 5MΩ		
0 ~ 20mA	≦ 500Ω			
4 ~ 20mA				

※**The channel 4 output for load resistance : ≦ 350 Ω**

THE OUTSIDE DIMENSION (UNIT:mm)



· PANEL MOUNTING HOLES (UNIT:mm)



CONNECTION DIAGRAM